



NAVAL SAFETY CENTER

As of 27 Oct 2016

How Goes It FY 2016

FY 16 had the best rate ever for:

- Total Class A Operational Mishaps: Navy/Marine, Navy
- Shore/Ground Class A Operational Mishaps, Excluding MV/PT: Navy/Marine, Marine (tie)
- Class A Operational MV Mishaps: Navy/Marine, Navy (tie)
- Total Military Operational Fatalities: Navy/Marine, Navy
- Private Motor Vehicle Fatalities: Navy/Marine
- Off-Duty Shore and Recreational Fatalities: Navy/Marine, Marine

Fatality Summary

Navy/Marine

87 Sailors and Marines died in mishaps:

- Private Motor Vehicle: 54 (62%)
- Aviation: 15 (17%)
- Ashore Operational, Excluding MV/PT: 4 (5%)
- Operational MV: 1 (1%)
- Off-duty Shore/Recreation: 12 (14%)
- PT: 1 (1%)

Navy

43 Sailors died in mishaps:

- Private Motor Vehicle: 29 (67%)
- Aviation: 1 (2%)
- Ashore Operational, Excluding MV/PT: 2 (5%)
- Off-duty Shore/Recreation: 10 (23%)
- PT: 1 (2%)

Marine Corps

44 Marines died in mishaps:

- Private Motor Vehicle: 25 (57%)
- Aviation: 14 (32%)
- Ground Operational, Including PT/Excluding MV: 2 (5%)
- Operational MV: 1 (2%)
- Off-duty Shore/Recreation: 2 (5%)



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Statistical Trend Summary

Navy/Marine

Total Class A Operational Mishaps:

The rate for FY 16 was 5.77 (31 mishaps) which was:

- best year

Aviation Class A Flight Mishaps:

The rate for FY 16 was 1.35 (15 mishaps) which was:

- 8th best year; worse than 3 of the previous five years

FY 10 had the best rate, .91, (11 mishaps).

Shore/Ground Class A Operational Mishaps, Excluding MV/PT:

The rate for FY 16 was .93 (5 mishaps) which was:

- best year

PT Class A Operational Mishaps:

The rate for FY 16 was .19 (1 mishap) which was:

- best year

MV Class A Operational Mishaps:

The rate for FY 16 was .56 (3 mishaps) which was:

- best year

Total Navy/Marine Military Operational Fatalities:

The rate for FY 16 was 3.91 (21 fatalities) which was:

- best year

Private Motor Vehicle Fatalities:

The rate for FY 16 was 10.04 (54 fatalities) which was:

- best year

Off-duty Shore and Recreational Fatalities:

The rate for FY 16 was 2.23 (12 fatalities) which was:

- best year

Navy

Total Class A Operational Mishaps:

The rate for FY 16 was 4.60 (16 mishaps) which was:

- best year



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Aviation Class A Flight Mishaps:

The rate for FY 16 was .81 (7 mishaps) which was:

- 4th best year; better than 4 of the previous five years

FY 13 had the best rate, .47, (4 mishaps).

Shore Class A Operational Mishaps, Excluding MV/PT:

The rate for FY 16 was .58 (2 mishaps) which was:

- 6th best year; better than 3 of the previous five years

FY 10 had the best rate, .28, (1 mishap).

PT Class A Operational Mishaps:

The rate for FY 16 was .29 (1 mishap) which was:

- 6th best year; better than each of the previous seven years

There are 3 previous years which tied for the best rate, .00.

MV Class A Operational Mishaps:

There were no mishaps in FY 16.

Two previous years (FYs 09 and 10) finished with zero mishaps.

Afloat Class A Operational Mishaps (Excluding PT):

The rate for FY 16 was 1.62 (5 mishaps) which was:

- tied for 3rd best year

FY 15 had the best rate, .65, (2 mishaps).

Total Navy Military Operational Fatalities:

The rate for FY 16 was 1.15 (4 fatalities) which was:

- best year

Private Motor Vehicle Fatalities:

The rate for FY 16 was 8.34 (29 fatalities) which was:

- 3rd best year

FY 15 had the best rate, 6.95, (24 fatalities).

Off-duty Shore and Recreational Fatalities:

The rate for FY 16 was 2.88 (10 fatalities) which was:

- 5th best year; worse than the previous five year period

FY 12 had the best rate, 1.73, (6 fatalities).

Marine Corps

Total Class A Operational Mishaps:

The rate for FY 16 was 7.89 (15 mishaps) which was:

- 3rd best year

FY 14 had the best rate, 6.53, (13 mishaps).



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Aviation Class A Flight Mishaps:

The rate for FY 16 was 3.31 (8 mishaps) which was:

- 19th best year; worse than each of the previous eleven years

FY 10 had the best rate, 1.36, (4 mishaps).

Ground Class A Operational Mishaps, Including PT/Excluding MV:

The rate for FY 16 was 1.58 (3 mishaps) which was:

- 2nd best year

FY 15 had the best rate, 1.57, (3 mishaps).

PT Class A Operational Mishaps:

There were no mishaps in FY 16.

There are 3 previous years which finished with zero mishaps.

MV Class A Operational Mishaps:

The rate for FY 16 was 1.58 (3 mishaps) which was:

- 4th best year; better than 4 of the previous five years

FY 92 had the best rate, .00, (0 mishaps).

Total Marine Military Operational Fatalities:

The rate for FY 16 was 8.94 (17 fatalities) which was:

- 8th best year; worse than the previous five year period

FY 08 had the best rate, 5.40, (11 fatalities).

Private Motor Vehicle Fatalities:

The rate for FY 16 was 13.15 (25 fatalities) which was:

- 2nd best year

FY 13 had the best rate, 12.79, (26 fatalities).

Off-duty Shore and Recreational Fatalities:

The rate for FY 16 was 1.05 (2 fatalities) which was:

- best year

Notes:

- Flight Mishap rates: the number of mishaps per 100,000 flight hours.
- Afloat rates: the number of mishaps per 100 ships per year.
- Other rates: the number of mishaps/fatalities per 100,000 personnel per year.
- Rates are used to normalize data and account for changes in flight hours, ships, and personnel (e.g. downsizing), allowing valid comparisons.
- Most historical comparisons (e.g. 'best year') use FY 81 - present data. Statistical comparisons involving Marine PT data start in FY 94. All other comparisons involving Marine non-aviation data start in FY 88.